

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 030481-0181

In re patent application of
Paer von MALMBORG et al.

Serial No.: Unassigned

Filed: November 7, 2001

For: BENDING RESISTANT MALE CONNECTOR FOR A GUIDE WIRE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, Applicants respectfully request that the following amendments be entered into the application:

IN THE CLAIMS:

Please amend claims 7, 10, 11, 12, 17, 18, 19, 20, and 21 as follows:

--7. (Amended) The male connector (1) according to claim 4, characterized in that a continuous insulating material (6) is disposed between the conductive members (4) and the core wire (3), with a minimum of insulating material (6) being provided between the cylindrical part of the core wire (3) and the inner surface of the cylindrical conductive members (4).

10. (Amended) The male connector (1) according to claim 1, characterized in that at least one of the conductors (5) is connected to the proximal end of the corresponding conductive member (4).

11. (Amended) The male connector (1) according to claim 1, characterized in that at least one of said conductors (5) is drawn in a loop, which extends towards the proximal end of the male connector (1) before going back to the distal end of the respective conductive member (4), where said conductor (5) is connected.

12. (Amended) The male connector (1) according to claim 1, characterized in that the core wire (3) is provided with a layer of insulating material (12).

17. (Amended) The male connector (1) according to claim 1, characterized in that the core wire (3) is made of an insulating material.

18. (Amended) The male connector (1) according to claim 1, characterized in that the conductors (5) are provided with a layer of insulating material (13).

19. (Amended) The male connector (1) according to claim 1, characterized in that the core wire (3) in the male connector (1) is separate from the core wire in the guide wire (2).

20. (Amended) The male connector (1) according to claim 1, characterized in that the core wire (3) in the male connector (1) is an extension of the core wire in the guide wire (2).

21. (Amended) The male connector (1) according to claim 1, characterized in that at least two points on the mantle surface of the core wire (3) are in contact with the inner surface of the conductive members 4, said points having such positions that the core wire (3) is a radially self-positioning core wire (3).--

REMARKS

Applicants respectfully request that the foregoing amendments to Claims 7, 10, 11, 12, 17, 18, 19, 20, and 21 be entered in order to avoid this application incurring a

surcharge for the presence of one or more multiple dependent claims. A marked-up version of the claims as amended showing the changes made is attached.

Respectfully submitted,



November 7, 2001

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VERSIONS WITH MARKINGS TO SHOW CHANGES MADE

Claims:

7. The male connector (1) according to [anyone of] claim[s] 4[-6], characterized in that a continuous insulating material (6) is disposed between the conductive members (4) and the core wire (3), with a minimum of insulating material (6) being provided between the cylindrical part of the core wire (3) and the inner surface of the cylindrical conductive members (4).

10. The male connector (1) according to [anyone of] claim[s] 1[-9], characterized in that at least one of the conductors (5) is connected to the proximal end of the corresponding conductive member (4).

11. The male connector (1) according to [anyone of] claim[s] 1[-9], characterized in that at least one of said conductors (5) is drawn in a loop, which extends towards the proximal end of the male connector (1) before going back to the distal end of the respective conductive member (4), where said conductor (5) is connected.

12. The male connector (1) according to [anyone of] claim[s] 1[-11], characterized in that the core wire (3) is provided with a layer of insulating material (12).

17. The male connector (1) according to [anyone of] claim[s] 1[-11], characterized in that the core wire (3) is made of an insulating material.

18. The male connector (1) according to [anyone of] claim[s] 1[-17], characterized in that the conductors (5) are provided with a layer of insulating material (13).

19. The male connector (1) according to [anyone of] claim[s] 1[-18], characterized in that the core wire (3) in the male connector (1) is separate from the core wire in the guide wire (2).

20. The male connector (1) according to [anyone of] claim[s] 1[-18], characterized in that the core wire (3) in the male connector (1) is an extension of the core wire in the guide wire (2).

21. The male connector (1) according to [anyone of] claim[s] 1[-20], characterized in that at least two points on the mantle surface of the core wire (3) are in contact with the inner surface of the conductive members 4, said points having such positions that the core wire (3) is a radially self-positioning core wire (3).